

WHAT IS CLAIMED IS:

1. A data editing method for editing MPEG-2 transport stream data recorded on a disk form recording medium having a plurality of sectors, the
5 data editing method comprising:

detecting a common boundary position which is located before one of a divide position and a combine position in data designated, and meets a packet boundary and a sector boundary; and

10 performing one of a dividing process and a combining process for the data at the common boundary position as a reference.

2. A data editing method according to claim 1,
15 wherein data between the designated divide position and the detected common boundary position is overwritten with dummy packet data.

3. A data editing method according to claim 2,
20 wherein the dummy packet data is one of private data and NULL packet data where data expansion is not performed.

4. A data editing method according to claim 1,
25 wherein:

one part of the data subjected to the dividing process is managed based on information showing a

start position of the data, and information showing a data size from the start position to the common boundary position; and

the other part of the data subjected to the
5 dividing process is managed based on information showing the common boundary position, and information showing a data size from the common boundary position to an end position of the data.

10 5. A data editing method according to claim 1,
wherein the data subjected to the combining process
is managed based on information showing a start
position of one part of the data, and information
showing a data size from the start position to the
15 common boundary position and a data size from a start
position of the other part of the data to an end
position.

6. A data editing method according to claim 1,
20 wherein data between the designated combine position
and the detected common boundary position is
discarded.